

L3 ANSWER 1 OF 6 USPATFULL
AN 2002:202244 USPATFULL
TI Erythromycin derivatives, a process for their preparation and their
use as medicaments
IN Denis, Alexis, Paris, FRANCE
Gigliotti, Giuseppe, Paris, FRANCE
PA Aventis Pharma S.A., FRANCE (non-U.S. corporation)
PI US 6433151 B1 20020813
AI US 1999-350224 19990708 (9)
PRAI FR 1998-8795 19980709
FR 1999-5245 19990426
DT Utility
FS GRANTED
EXNAM Primary Examiner: Wilson, James O.; Assistant Examiner: Owens, Jr.,
Howard V.
LREP Bierman, Muserlian and Lucas
CLMN Number of Claims: 11
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 290
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention relates to compounds of the formula (I) ##STR1##

in which

R represents a radical

(CH.sub.2).sub.mO.sub.n(X)YAr

in which m represents the number 0 or 1,

n represents the number 0 or 1,

X represents a radical (NH).sub.a, CH.sub.2 or SO.sub.2, where a
represents the number 0 or 1,

Y represents a radical (CH.sub.2).sub.b--(CH.dbd.CH).sub.c--
(CH.sub.2).sub.d, where c=0 or 1 and b+c+d .ltoreq.8,

Z represents a hydrogen or halogen atom,

Ar represents an optionally substituted aryl or heteroaryl radical and

W represents a hydrogen atom or an acyl radical, and their acid
addition
salts.

The compounds of the formula (1) have antibiotic properties.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 191114-48-4

(prepn. and antibacterial spectrum of erythromycin derivs.)

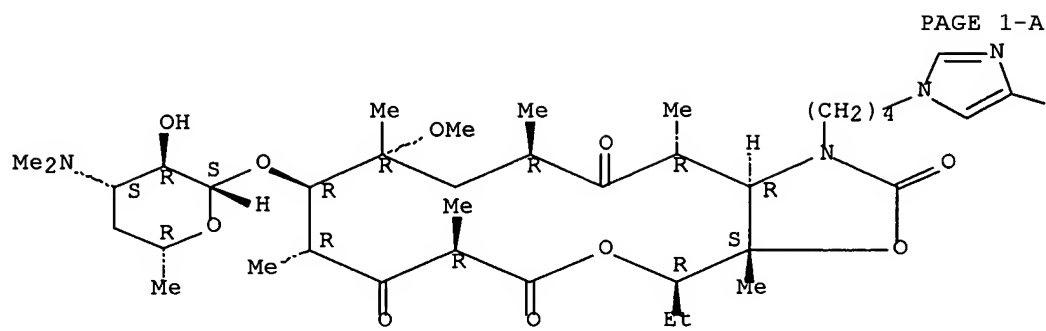
RN 191114-48-4 USPATFULL

CN Erythromycin, 3-de[(2,6-dideoxy-3-C-methyl-3-O-methyl-.alpha.-L-ribo-
hexopyranosyl)oxy]-11,12-dideoxy-6-O-methyl-3-oxo-12,11-
[oxycarbonyl][4-
[4-(3-pyridinyl)-1H-imidazol-1-yl]butyl]imino]]- (9CI) (CA INDEX

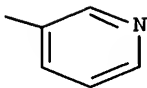
NAME)

Absolute stereochemistry.

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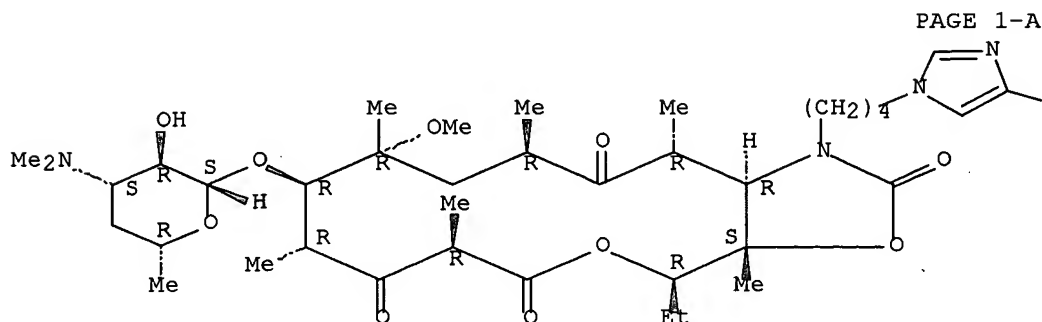


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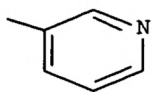


L3 ANSWER 2 OF 6 USPATFULL
 AN 2002:113039 USPATFULL
 TI Novel lipopeptides as antibacterial agents
 IN Hill, Jason, Auburndale, MA, UNITED STATES
 Parr, Ian, Medford, MA, UNITED STATES
 Morytko, Michael, Framingham, MA, UNITED STATES
 Siedlecki, Jim, Burlington, MA, UNITED STATES
 Yang Yu, Xiang, Billerica, MA, UNITED STATES
 Silverman, Jared, Brookline, MA, UNITED STATES
 Keith, Dennis, Arlington, MA, UNITED STATES
 Finn, John, Stow, MA, UNITED STATES
 Christensen, Dale, Apex, NC, UNITED STATES
 Lazarova, Tsvetelina, Brookline, MA, UNITED STATES
 Watson, Alan D., Lexington, MA, UNITED STATES
 Zhang, Yan, Sharon, MA, UNITED STATES
 PI US 2002058785 A1 20020516
 AI US 2000-739535 A1 20001215 (9)
 PRAI US 1999-170945P 19991215 (60)
 DT Utility
 FS APPLICATION
 LREP FISH & NEAVE, 1251 AVENUE OF THE AMERICAS, 50TH FLOOR, NEW YORK, NY,
 10020-1105
 CLMN Number of Claims: 25
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 1731
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB The present invention relates to novel lipopeptide compounds. The
 invention also relates to pharmaceutical compositions of these
 compounds and methods of using these compounds as antibacterial
 compounds. The invention also relates to methods of producing these
 novel lipopeptide compounds and intermediates used in producing these
 compounds.
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 191114-48-4, HMR3647
 (prepn. of novel lipopeptides as antibacterial agents)
 RN 191114-48-4 USPATFULL
 CN Erythromycin, 3-de[(2,6-dideoxy-3-C-methyl-3-O-methyl-.alpha.-L-ribo-
 hexopyranosyl)oxy]-11,12-dideoxy-6-O-methyl-3-oxo-12,11-
 [oxycarbonyl[[4-[4-(3-pyridinyl)-1H-imidazol-1-yl]butyl]imino]]- (9CI)
 (CA INDEX NAME)

Absolute stereochemistry.

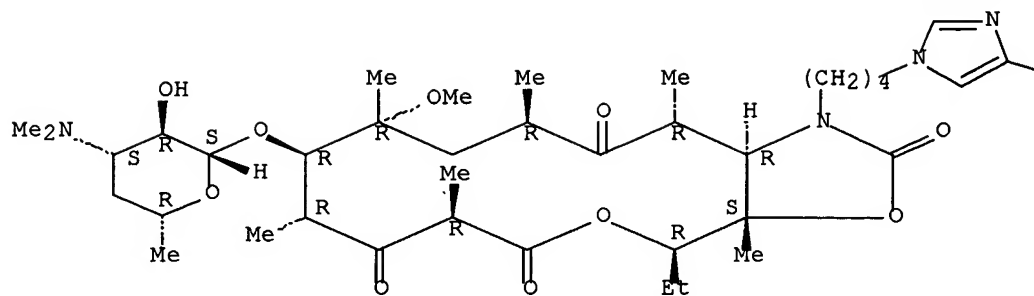


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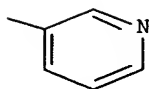


L3 ANSWER 3 OF 6 USPATFULL
 AN 2002:43557 USPATFULL
 TI Novel lipopeptides as antibacterial agents
 IN Hill, Jason, Auburndale, MA, UNITED STATES
 Parr, Ian, Medford, MA, UNITED STATES
 Morytko, Michael, Framingham, MS, UNITED STATES
 Siedlecki, Jim, Burlington, MA, UNITED STATES
 Yang Yu, Xiang, Billerica, MA, UNITED STATES
 Silverman, Jared, Brookline, MA, UNITED STATES
 Keith, Dennis, Arlington, MA, UNITED STATES
 Finn, John, Stow, MA, UNITED STATES
 Christensen, Dale, Apex, NC, UNITED STATES
 Lazarova, Tsvetelina, Brookline, MA, UNITED STATES
 Watson, Alan D., Lexington, MA, UNITED STATES
 Zhang, Yan, Sharon, MA, UNITED STATES
 PI US 2002025924 A1 20020228
 AI US 2000-738742 A1 20001215 (9)
 PRAI US 1999-170943P 19991215 (60)
 DT Utility
 FS APPLICATION
 LREP FISH & NEAVE, 1251 AVENUE OF THE AMERICAS, 50TH FLOOR, NEW YORK, NY,
 10020-1105
 CLMN Number of Claims: 30
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 2492
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB The present invention relates to novel lipopeptide compounds. The
 invention also relates to pharmaceutical compositions of these
 compounds
 and methods of using these compounds as antibacterial compounds. The
 invention also relates to methods of producing these novel lipopeptide
 compounds and intermediates used in producing these compounds.
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 191114-48-4, HMR3647
 (prepn. of novel lipopeptides as antibacterial agents)
 RN 191114-48-4 USPATFULL
 CN Erythromycin, 3-de[(2,6-dideoxy-3-C-methyl-3-O-methyl-.alpha.-L-ribo-
 hexopyranosyl)oxy]-11,12-dideoxy-6-O-methyl-3-oxo-12,11-
 [oxycarbonyl[[4-
 [4-(3-pyridinyl)-1H-imidazol-1-yl]butyl]imino]]- (9CI) (CA INDEX
 NAME)
 Absolute stereochemistry.

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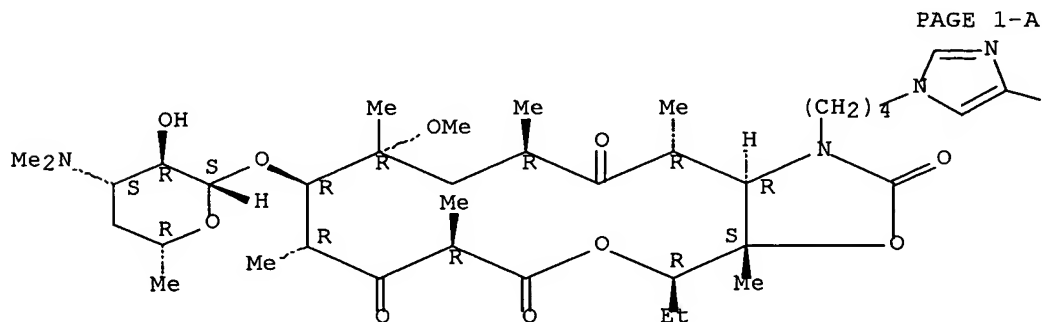
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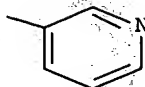
L3 ANSWER 4 OF 6 USPATFULL
 AN 2000:102436 USPATFULL
 TI Erythromycin compounds
 IN Agouridas, Constantin, Nogent sur Maine, France
 Chantot, Jean-Francois, Nogent sur Maine, France
 Denis, Alexis, Paris, France
 D'Ambrieres, Solange Gouin, Paris, France
 Martret, Odile Le, Paris, France
 PA Hoechst Marion Roussel, France (non-U.S. corporation)
 PI US 6100404 20000808
 AI US 1997-780861 19970109 (8)
 RLI Division of Ser. No. US 1995-426067, filed on 21 Apr 1995, now
 patented, Pat. No. US 5635485
 PRAI FR 1994-5368 19940503
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Ramsuer, Robert W.; Assistant Examiner: Solola,
 Taofiq A.
 LREP Bierman, Muserlian and Lucas
 CLMN Number of Claims: 2
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 1081
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB Intermediates for the preparation of compounds selected from the group
 consisting of a compound of the formula ##STR1## wherein R is ##STR2##
 n is an integer from 3 to 5, Ar is an optionally substituted
 heterocyclic selected from the group consisting of

 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT **191114-48-4P**
 (prepn. and bactericidal activity of erythromycin cyclic carbamates)
 RN 191114-48-4 USPATFULL
 CN Erythromycin, 3-de[(2,6-dideoxy-3-C-methyl-3-O-methyl-.alpha.-L-ribo-
 hexopyranosyl)oxy]-11,12-dideoxy-6-O-methyl-3-oxo-12,11-
 [oxycarbonyl[[4-[4-(3-pyridinyl)-1H-imidazol-1-yl]butyl]imino]]- (9CI)
 (CA INDEX NAME)

Absolute stereochemistry.



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L3 ANSWER 5 OF 6 USPATFULL
 AN 1998:48385 USPATFULL
 TI Erythromycins
 IN Agouridas, Constantin, Nogent sur Marne, France
 Bretin, Fran.cedilla.ois, Ozoir la Ferriere, France
 Chantot, Jean-Fran.cedilla.ois, Nogent sur Marne, France
 PA Roussel Uclaf, France (non-U.S. corporation)
 PI US 5747467 19980505
 AI US 1996-767954 19961219 (8)
 PRAI FR 1995-15322 19951222
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Shah, Mukund J.; Assistant Examiner: Qazi, Sabiha N.
 LREP Bierman, Muserlian & Lucas
 CLMN Number of Claims: 17
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 277

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A compound selected from the group consisting of a compound of the
 formula ##STR1## wherein X is selected from the group consisting of
 --(NH).sub.a --, --CH.sub.2 --, --SO.sub.2 -- and --O--, a is 0 or 1,

Y is --(CH.sub.2).sub.m - (CH.dbd.CH).sub.n --(CH.sub.2).sub.o -,
 m+n+o.ltoreq.8, n=0 or 1, Ar is aryl optionally substituted with at
 least one member of the group consisting of --OH, halogen, --NO.sub.2,
 --CN, ##STR2## and alkyl, alkenyl, alkynyl, alkoxy, alkenyloxy,
 alkynyloxy, alkylthio, alkenylthio, alkynylthio, -N-alkyl, -N-alkenyl
 and N-alkynyl of up to 12 carbon atoms, R.sub.a and R.sub.b

individually

are hydrogen or alkyl of up to 12 carbon atoms, R.sub.3 is selected
from

the group consisting of alkyl of 1 to 12 carbon atoms, aryl,
heteroaryl,

carbocyclic aryl, aryloxy, arylthio and heterocyclic aryl,
heterocyclic

aryloxy and heterocyclic arylthio of 5 to 6 ring members containing at
least one heteroatom, Hal is halogen, Z is hydrogen or acyl of an
organic carboxylic acid and their non-toxic, pharmaceutically

acceptable

addition salts having antibacterial properties.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 191114-48-4

(prepn. of erythromycin derivs. as bactericides)

RN 191114-48-4 USPATFULL

CN Erythromycin, 3-de[(2,6-dideoxy-3-C-methyl-3-O-methyl-.alpha.-L-ribo-
 hexopyranosyl)oxy]-11,12-dideoxy-6-O-methyl-3-oxo-12,11-

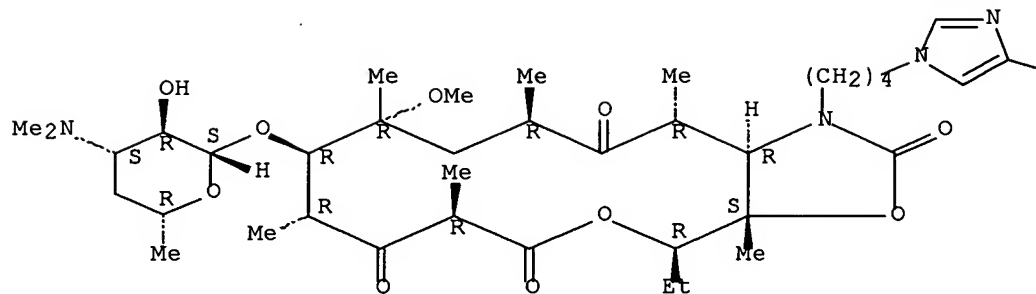
[oxycarbonyl[[4-

[4-(3-pyridinyl)-1H-imidazol-1-yl]butyl]imino]]- (9CI) (CA INDEX

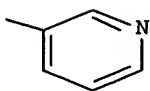
NAME)

Absolute stereochemistry.

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L3 ANSWER 6 OF 6 USPATFULL
 AN 97:47390 USPATFULL
 TI Erythromycin compounds
 IN Agouridas, Constantin, Nogent sur Maine, France
 Chantot, Jean-Francois, Nogent sur Maine, France
 Denis, Alexis, Paris, France
 D'Ambrieres, Solange G., Paris, France
 Martret, Odile L., Paris, France
 PA Roussel Uclaf, France (non-U.S. corporation)
 PI US 5635485 19970603
 AI US 1995-426067 19950421 (8)
 PRAI FR 1994-5368 19940503
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Peselev, Elli
 LREP Bierman, Muserlian and Lucas LLP
 CLMN Number of Claims: 19
 ECL Exemplary Claim: 1,11
 DRWN No Drawings
 LN.CNT 1215
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB An erythromycin compound of Formula I or its non-toxic acid addition salt having antibiotic activity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

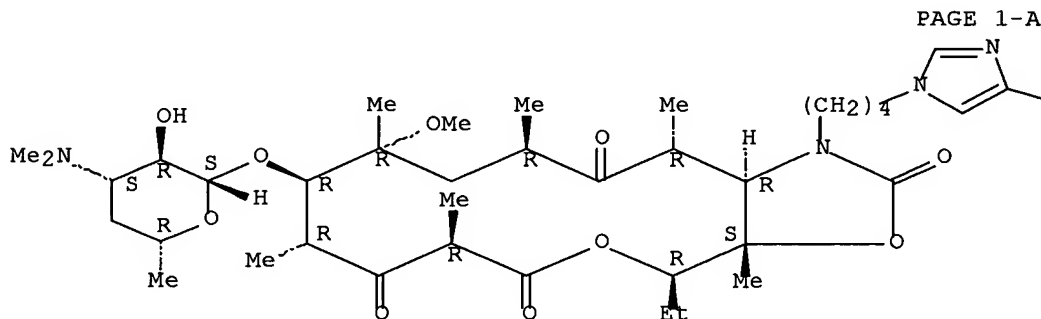
IT **191114-48-4P**

(prepn. and bactericidal activity of erythromycin cyclic carbamates)

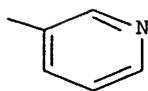
RN 191114-48-4 USPATFULL

CN Erythromycin, 3-de[(2,6-dideoxy-3-C-methyl-3-O-methyl-.alpha.-L-ribo-
 hexopyranosyl)oxy]-11,12-dideoxy-6-O-methyl-3-oxo-12,11-
 [oxycarbonyl][4-
 [4-(3-pyridinyl)-1H-imidazol-1-yl]butyl]imino]]- (9CI) (CA INDEX
 NAME)

Absolute stereochemistry.



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L4 214 L2

=> log y

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